

Abstract:

Method for the production of HSiCl_3 by catalytic hydrodehalogenation of SiCl_4

- 5 The invention relates to a process for the catalytic hydrodehalogenation of SiCl_4 to form HSiCl_3 , which comprises bringing a gaseous feed mixture comprising hydrogen and silicon tetrachloride into direct contact with at least one heating element of a resistance heating device, with the heating element being composed of a metal or a metal alloy and being heated to carry out the reaction.